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(54) Title: POLYMER FOR HEAT-SENSITIVE LITHOGRAPHIC PRINTING PLATE PRECURSOR

(57) Abstract: A polymer for a heat-sensitive lithographic printing plate precursor is disclosed wherein the polymer comprises a phenolic monomeric unit wherein the H atom of the hydroxy group of the phenyl group of the phenolic monomeric unit is replaced by a group comprising a N-imide group and wherein the substitution of the polymer increases the chemical resistance of the coating of the printing plate precursor.

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INTERNATIONAL SEARCH REPORT

International Application No.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08L61/14 C08G8/28 G03F7/105

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08G G03F G08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 575 (C-1011), 15 December 1992 (1992-12-15) & JP 04 227624 A (SUMITOMO DUREZ CO LTD; OTHERS: 01), 17 August 1992 (1992-08-17) abstract; figure I ---	1-17
A	US 5 182 351 A (SHIMIZU HISASHI ET AL) 26 January 1993 (1993-01-26) column 4, line 20 ---	1-17
A	US 6 221 989 B1 (KATO HIDETO ET AL) 24 April 2001 (2001-04-24) claim 1 ---	1-17
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☒ Patent family members are listed in annex.

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International Application No.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 12 31 712 B (BASF AG) 5 January 1967 (1967-01-05) claim 1 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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